

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 82-42

WATER RECLAMATION REQUIREMENTS FOR:

SAN FRANCISCO FOUNDATION-MARCONI RANCH  
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board), finds that:

1. San Francisco Foundation (hereinafter the discharger) submitted a report of waste discharge on May 13, 1982, for the Marconi Ranch property located on Tomales Bay adjacent to Highway 1, Marin County.
2. The Marconi Ranch currently has a population of 10 residents, generating approximately 1500 gallons per day (gpd) of sewage. The waste is collected by gravity sewers and pumped to a series of two package plants rated at 50,000 gpd which provide aeration, settling, sand filtration, and disinfection. Waste effluent is then stored in closed tanks having a capacity of 180,000 gallons prior to land disposal on a 12-acre hillside. The land disposal area is shown on the attached map which is hereby made a part of this Order.
3. The discharger is currently considering alternate uses for the Marconi Ranch, which has 100 guest rooms. The Board will consider revised requirements for the Marconi Ranch after review of the appropriate engineering and environmental impact reports.
4. A Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region was adopted by the Regional Board in April 1975. The Basin Plan contains water quality objectives for Tomales Bay.
5. The beneficial uses of Tomales Bay are:
  - a. Recreation
  - b. Commercial and Sport Fishing
  - c. Fish migration and habitat
  - d. Habitat and resting for waterfowl and migratory birds
  - e. Preservation of rare and endangered species
  - f. Wildlife habitat
  - g. Shellfish harvesting
6. This project involves the operation of a previously existing, privately owned sewage treatment and disposal facility with negligible effects on the environment. Pursuant to Section 15101 of the California Administrative Code, the proposed use is exempt from the provisions of the California Environmental Quality Act (CEQA).

5-day BOD 20°C  
Dissolved oxygen  
Dissolved sulfide  
Coliform Organisms

40 mg/l maximum  
2.0 mg/l minimum  
0.1 mg/l maximum  
Median MPN shall not exceed  
twenty-three (23) coliform  
organisms per 100 milliliters of  
sample at some point in the  
treatment process. The median  
value will be determined from  
the bacteriological results of  
the last seven (7) analyses.

1. The wastewater as discharged from the treatment and storage facilities to the spray irrigation areas shall be at all times an adequately disinfected, oxidized wastewater, and shall meet the following quality limits at all times:

#### B. Reclaimed Water Quality Specifications:

7. The discharger is prohibited from bypassing or overflowing wastewater to waters of the State from the collection, treatment or reclamation system.
6. The average dry weather flow to the treatment plants shall not exceed 1500 gpd.
5. Waste shall not be applied within 100 feet of any stream, pond, well or housing facility.
4. Use of reclaimed water on areas not shown on the map which is attached to this Order is prohibited.
3. Reclaimed water shall not be injected into any fixed irrigation system connected to a domestic water supply.
2. No waste shall be allowed to escape from the discharger's property into waters of the State via surface flow, airborne spray or resurfacing after percolation.
1. No waste shall be applied to any disposal areas during the wet weather season (November 15 through April 15), when grounds are saturated, or during periods of rainfall.

#### A. Reclaimed Water Use Restrictions:

- IT IS HEREBY ORDERED, that San Francisco Foundation, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:
8. The Board, in a public meeting, heard and considered all comments pertaining to the water reuse.
  7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe water reclamation requirements and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.

pH  
6.0 minimum  
9.0 maximum

2. The discharger shall discontinue the use of reclaimed water during any period in which there is reason to believe the limits specified in B.1. are not being met.

C. Provisions:

1. The treatment, storage, or disposal of wastewater shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. The discharge of the wastewater shall not degrade the quality of ground water.

3. The wastewater disposal area and any equipment used to transport wastewater shall be clearly identified with warning signs to inform the public that wastewater is present.

4. Fail-safe treatment shall be provided and include power facilities as needed to assure continuous compliance with requirements.

5. Wastewater ponding which could provide a breeding area for mosquitoes shall be prevented.

6. The discharger shall comply with a Self-Monitoring Program as ordered by the Executive Officer.

7. The discharger shall permit the Board or its authorized representative in accordance with California Water Code Section 13267C:

- a. Entry upon premises in which an effluent source is located or in which any required records are kept.

- b. Access to copy any records required to be kept under terms and conditions of this Order.

- c. Inspection of any monitoring equipment or method required by this Order.

- d. Sampling of any discharge or reclaimed water.

8. The Board will review this Order periodically and may revise the requirements when necessary.

9. The volume of waste shall be limited to that described in Finding 2 of this Order. The discharger shall file with the Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

10. Sludges and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a Regional Water Quality Control Board and which is in full compliance therewith.

11. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.

12. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with these water reclamation requirements.

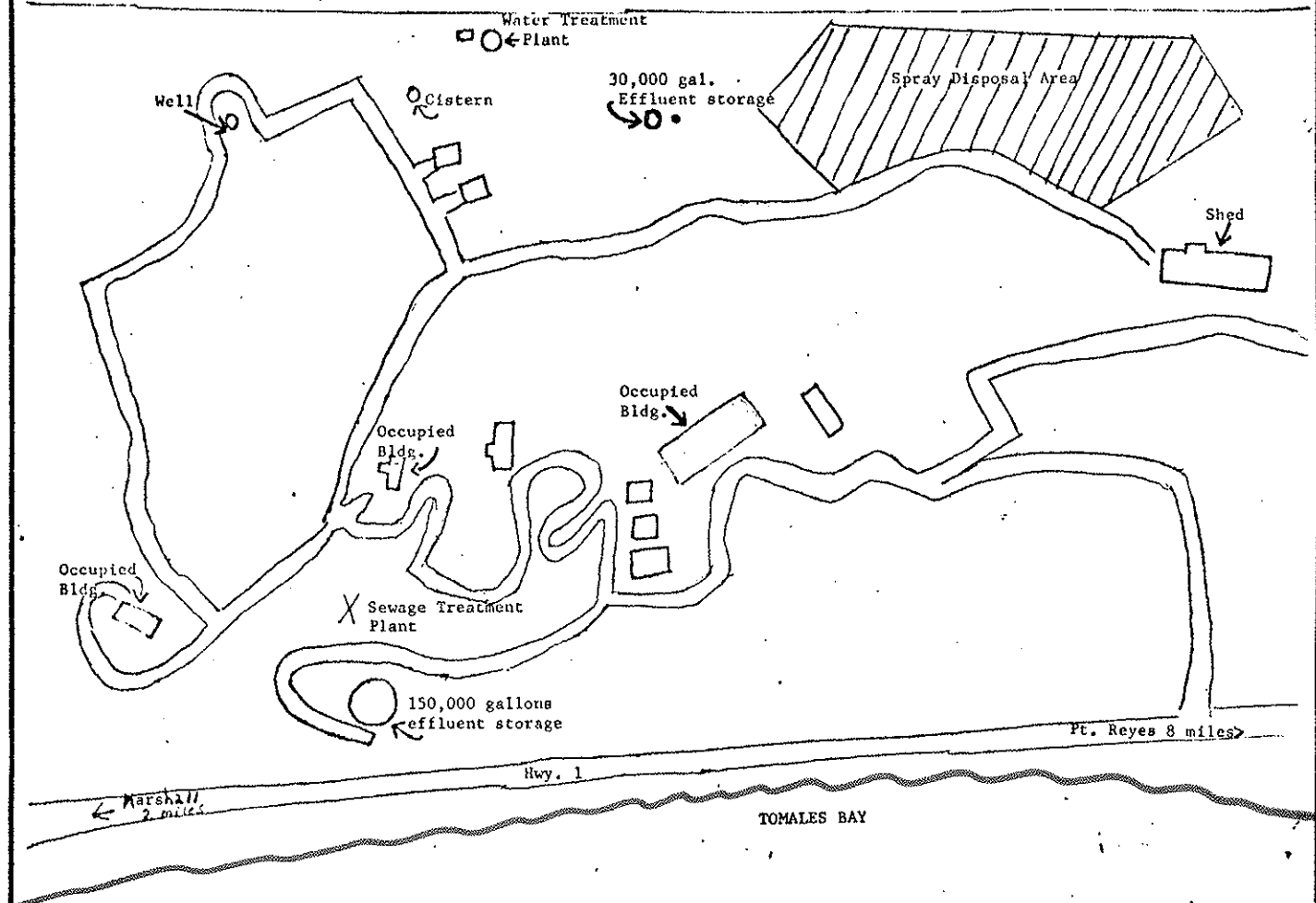
I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on July 21, 1982.

FRED H. DIERKER  
Executive Officer

Attachment:  
A. Map of Treatment Facilities and Disposal Area

ATTACHMENT A

SAN FRANCISCO FOUNDATION - MARCONI PROPERTY, MARIN CO.



STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

San Francisco Foundation  
Marconi Ranch

DRAWN BY: ME DATE: 6/1/82 DRWG. NO. 001